

AMENDMENT
S/N.: 10/618,308
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Amendments to the Claims

Please amend claims 1 and 4-9, cancel claims 2, 3 and 10-13, and add new claims 14-20 as indicated below:

1. (currently amended) A water supply system for multiple dwelling units ~~in an apartment building~~ comprising

a cold water source that includes a main water meter and a cold water header from said main water meter for feeding said multiple dwelling units,

a water heater receiving cold water from said main water meter and a hot water header from said water heater for feeding said multiple dwelling units,

a hot water supply conduit connected to said hot water header for each dwelling unit, and a cold water supply conduit connected to said cold water header for each dwelling unit, each said supply conduit having an ancillary water meter ~~therein~~ for measuring water flow ~~through the respective conduit;~~ therethrough; and

said ancillary water meters for each dwelling unit, one for hot water and one for cold water, are built together as a unitary assembly.

~~each said hot water supply conduit being connected to said hot water heater so that the hot water supply conduits are in parallel flow relation,~~

~~each said cold water supply conduit being connected to said main water meter so that the cold water supply conduits are in parallel flow relation.~~

2. (cancelled) The water supply system of claim 1, wherein said ancillary water meters for each dwelling unit are built together into one unitary assembly.

3. (cancelled) The water supply system of claim 1, wherein said ancillary water meters are grouped together in pairs, each pair of ancillary water meters including a cold water meter and a hot water meter for a single dwelling unit.

4. (currently amended) The water supply system of claim 1 ~~wherein claim 3,~~ wherein there is one ~~pair of ancillary water meters for each dwelling unit;~~ each said pair of water meters is located proximate ~~being physically positioned at~~ the main source of the hot and cold water supply to the associated dwelling unit.

5. (currently amended) The water supply system of claim 1 ~~claim 2,~~ wherein each said ancillary water meter ~~has~~ includes measurement means for determining flow characteristics of the water ~~visual readout;~~ ~~each visual readout comprising a viewing window for displaying the hot or cold~~ water consumed by the associated individual unit.

6. (currently amended) The water supply system of claim 5 ~~claim 1,~~ wherein said measurement means ~~the ancillary water meters~~ is a visual readout including a viewing window for displaying the water volume flowing therethrough. ~~are physically grouped together in pairs in close proximity to a dwelling unit where practical.~~

7. (currently amended) The water supply system of claim 5 ~~claim 1,~~ wherein said measurement means includes electronic readouts linked to a computer for providing computations and tabulations relative to water flow characteristics. ~~the apartment building has a basement, and the ancillary water meters are physically grouped together therein, where practical.~~

8. (currently amended) The water supply system of claim 7 ~~claim 1,~~ wherein said computations and tabulations include useful delivery data such as volume, leakage, surges and periodic use comparisons. ~~the apartment building has a roof and the ancillary water meters are physically grouped together thereon, where practical.~~

9. (currently amended) The water supply system of claim 1, wherein the grouped pairs of ancillary water meters are located proximate said water heater. ~~physically grouped together in the basement of the building, where practical.~~

10. (cancelled) The water supply system of claim 6, wherein said ancillary water meters are positioned together in pairs, each pair of ancillary water meters incorporating a cold water meter and a hot water meter for an associated single dwelling unit.

11. (cancelled) The water supply system of claim 8, and further comprising a hot water header connecting each said hot water supply conduit to said water heater, and a cold water header connecting each said cold water supply conduit to said main water heater.

12. (cancelled) The water supply of claim 11, wherein said ancillary water meters for each dwelling unit are built together into one unitary assembly; each said assembly comprising a vertically oriented inlet pipe and a vertically oriented outlet pipe for the cold water meter, and a vertically oriented inlet pipe and a vertically oriented pipe for the hot water meter.

13. (cancelled) The water supply system of claim 11, wherein said ancillary water meters for each dwelling unit are built together into one unitary assembly; each said assembly comprising a horizontally oriented inlet pipe and a horizontally oriented outlet pipe for the cold water meter, and a horizontally oriented inlet pipe and a horizontally oriented outlet pipe for the hot water meter.

Please add new claims 14-20 as follows:

14. (New) A water supply system for multiple dwelling units comprising:

- a cold water source that includes a main water meter;
- a cold water header from said main water meter for feeding said multiple dwelling units;
- a water heater receiving cold water from said main water meter;
- a hot water header from said water heater for feeding said multiple dwelling units;
- a cold water supply conduit for each dwelling unit connected to said cold water header;
- a hot water supply conduit for each dwelling unit connected to said hot water header;
- each said cold water conduit and said hot water conduit having an in-line water meter for measuring water flow therethrough; and

said in-line water meters for each dwelling unit, grouped as a pair consisting of one for hot water and one for cold water, are combined together as a unitary assembly.

15. The water supply system of claim 14 wherein said cold water header is a common feeder for each of the cold water conduits and said hot water header is a common feeder for each of the hot water conduits.

16. The water supply system of claim 14 wherein each said in-line water meter includes measurement means for providing flow characteristics of water consumed by the associated individual unit.

17. The water supply system of claim 16 wherein said measurement means is a visual readout including a viewing window for displaying flow characteristics of water flowing therethrough.

18. The water supply system of claim 16 wherein said measurement means includes electronic readouts linked to a computer for providing computations and tabulations relative to hot and cold water flow characteristics of each unit.

19. The water supply system of claim 18 wherein said computations and tabulations provide continuous water delivery data such as volume, volume changes, leakage and leakage levels, and surges, as well as providing periodic use comparisons of said water delivery data.

20. The water supply system of claim 19 wherein said water delivery data is processed in said computer to monitor, and provide a continuing record of, water flow characteristics of each dwelling unit.